PD HaW Datasets characteristics

	Dataset Name	Number of subjects	Percentage of male	Average subject age	Tasks	Measurements	Medicated patients
PD	- Rosenblum [1]	20	55,0	61.18	1) write their name. 2) copy an address (same address for all).	Displacement, pressure, and pen-tip angle were sampled at 100 Hz	Yes
Controls		20	55,0	61.66			
PD	PaHaW [2]	37	51,4	69.3	Archimedean spiral. 2) write "I" 3) write "le" 4) write "les" 5) lektorka 6) porovnat 7) nepopadnout 8) Tramvaj dnes už nepojede	x-coordinate, x[t]; y-coordinate, y[t]; time stamp, s[t]; button status, b[t]; pressure, p[t]; and discrete time t. Button status is a binary variable, being 0 for in-air movement and 1 for on-surface movement.	Yes
Controls		38	52,6	62.4			
PD	NewHandPD [3]	31	67,7	44.05	1) 4 spirals 2) 4 related meanders 3) circle in the air 4) circle on the paper 5) right-handed diadochokinesis 6) left-handed diadochokinesis	- CH1: Microphone; • CH 2: Fingergrip; • CH 3: Axial Pressure of ink Refill; • CH 4: Tilt and Acceleration in "X direction"; • CH 5: Tilt and Acceleration in "Y direction"; and • CH 6: Tilt and Acceleration "Z direction	Yes (confirmed by C. Pereira, mail subject "NewHandPD Dataset")
Controls		35	51,4	57.83			
PD	PDMultiMC [4]	16	75,0	matched	Task 1: Repetitive -cursive letter (letter I) Task 2: triangular wave Task 3: rectangular wave Task 4: Repetitive "Monday" word; Task 5: Repetitive "Tuesday" word; Task 6: Repetitive subject"s name; Task 7: Repetitive subject"s last name;	Spatial displacement (x, y positions), pen pressure, time stamp, pen status and pen-tip angle (altitude, azimuth)	Both on and off
Controls		16	31,3				
PD	Parkinson Disease Spiral Drawings Using Digitized Graphics Tablet [5]	62	?	?	1) Static Spiral Test (SST) 2) Dynamic Spiral Test (DST). 3) Stability Test on Certain Point (STCP).	X;Y;Z;Pressure;GripAngle;	?
Controls		15	?				

^[1] Handwriting as an objective tool for Parkinson's disease diagnosisSara Rosenblum • Margalit Samuel • Sharon Zlotnik • Ilana Erikh • Ilana Schlesinger 2013

^[2] Analysis of in-air movement in handwriting: A novel marker for Parkinson's disease. Peter Drotár a , Jiří Mekyska a , Irena Rektorová b,* , Lucia Masarová b ,Zdenek Smékal a , Marcı

^[3] Handwritten dynamics assessment through convolutional neural networks: An application to Parkinson's disease identification. Clayton R. Pereira a , Danilo R. Pereira b , Gustavo H.

^[4] Feature Selection for an Improved Parkinson's Disease Identification Based on Handwriting. Catherine Taleb (1)(2), Laurence Likforman-Sulem (2), Maha Khachab (1), Chafic Mokbel

^[5] Improved spiral test using digitized graphics tablet for monitoring Parkinson's disease. Muhammed Erdem Isenkul a, Betul Erdogdu Sakar b Olcay Kursun